PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1495, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known SEP 1 2 2005 Substitute for form 1449A-PTO 10/777.455 Application No. February 11, 2004 **Filing Date** INFORMATION DISCLOSUE First Named Inventor Lewis et al. STATEMENT BY APPLICANT **Art Unit** 1623 **Examiner Name** Peselev (Use as many sheets as necessary) Sheet 3 892,280-603 (formerly 342312004920) 1 Attorney Docket No.

	U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.1	Document No. Number-Kind Code ^{2 (st known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
4	1.	2,851,463	09/09/1958	Hinman et al.					
42	2.	2,928,844	03/15/1960	De Boer et al.					
61	3.	3,255,174	06/07/1966	Bannister et al.					
Se	4.	3,268,556	08/23/1966	Hoeksema					
5/	5.	3,282,917	11/01/1966	Magerlein					
4	6.	3,361,739	01/02/1968	Argoudelis et al.					
4	7.	3,364,197	01/16/1968	Hoeksema					
5,	8.	3,539,689	11/10/1970	Birkenmeyer et al.					
C/	9.	3,555,007	01/12/1971	Magerlein					
5/	10.	3,702,322	11/07/1972	Bannister	·				
v	11.	3,892,729	07/01/1975	Birkenmeyer					
4	12.	3,892,730	07/01/1975	Birkenmeyer					
<u> </u>									

	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁰			
Initials*	No.'	Country Code ³ Number ⁴ Kind Code (if known)	MM-DD-YYYY	Applicant of Cited Document					
Go	13.	EP 0161 794	11/21/1985	The Upjohn Company					
4	14.	GB 1 298 295	11/29/1972	The Upjohn Company					
4	15.	GB 1 347 598	02/27/1974	The Upjohn Company					
S	16.	WO 2005/012320	02/10/2005	Vicuron Pharmaceuticals Inc.					
4	17.	WO 2005/007665	01/27/2005	Vicuron Pharmaceuticals Inc.					

NB1:662846. 2Examiner Signature	G. Pecle	Date Considered	10/7/06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emporor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB-08a (08 03)

American LegalNet Inc.

www. USCourtForms.com

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

				Complete if Known			
Sut	ostitute for form 1449A-P	то		Application No.	10/777,455		
INIEC	RMATION I	niec	OSLIDE	Filing Date	February 11, 2004		
	TEMENT BY			First Named Inventor	Lewis		
SIA	I EWILINI DI		FLICANI	Art Unit	1623		
	(Use as many sheets	as nece	ssary)	Examiner Name	Peselev		
Sheet 2 of 3				Attorney Docket No.	892,280-603 (formerly 342312004920)		

		NON PATENT LITERATURE DOCUMENTS	·		
Examiner Initials*					
Sp	18.	International Search Report mailed on May 6, 2005, for PCT Patent Application PCT/US2004/019497 filed on June 17, 2004, 7 pages			
8	19.	International Search Report mailed on August 8, 2005, for PCT Patent Application PCT/US2004/019689 filed on June 17, 2004, 21 pages			
4	20.	Bannister, B. et al. (1980) "The S-Alkylation of Sulphides by an Activated Carbohydrate Epimine Under Acidic Catalysis: the Formation of α-Acetamido-sulphides. Part 4. Reactions with Dithioacetals and Monothioacetals" JOURNAL OF THE CHEMICAL SOCIETY, PERKINS TRANSACTIONS 1 2:540-552			
. ٤٧	21.	Bannister, B. et al. (1989) "The S-Alkylation of Sulphides by an Activated Carbohydrate Epimine Under Acidic Catalysis: the Formation of α-Acetamido-sulphides. Part 5. The Introduction of Functionality into the Sulphide Substituent" JOURNAL OF CHEMICAL RESEARCH 4:90-91			
8	22.	Deiters, A. et al. (2004) "Synthesis of Oxygen- and Nitrogen-Containing Heterocycles by Ring-Closing Metathesis" CHEM. Rev. 104: 2199-2238.			
5,	23.	Dondoni, A. et al. (1997) "Stereoselective Addition of 2-Furyllithium and 2-Thiazolyllithium to Sugar Nitrones. Synthesis of Carbon-Linked Glycoglycines." JOURNAL OF ORGANIC CHEMISTRY 62(16): 5484-96.			
4	24.	Dondini, A. (1994) "Synthesis of N-Benzyl Nitrones" SYNTHETIC COMMUNICATIONS 24(18):2537-50.			
\	25.	Fukuyama, T. et al. (1995) "2- and 4-Nitrobenzenesulfonamides: Exceptionally Versatile Means for Preparation of Secondary Amines and Protection of Amines." TETRAHEDRON LETTERS 36(36): 6373-74.			
4	26.	Griffith, W.P. et al. (1990) "TPAP: Tetra-n-propylammonium Perruthenate, A Mild and Convenient Oxidant for Alcohols." ALDRICHIMICA ACTA 23(1): 13-19.			
8	27.	Ibatullin, F.M. et al. (2002) "Reaction of 1,2-trans-glycosyl acetates with phosphorus pentachloride: new efficient approach to 1,2-trans-glycosyl chlorides" TETRAHEDRON LETTERS 43: 9577-9580.			

NB1:662846. 2Examiner C. Keck	Date Considered	10/7/05
Oignatura	Considered	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw tine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emporor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB-08a (08 03)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

				Complete If Known			
Sul	Substitute for form 1449A-PTO INFORMATION DISC STATEMENT BY AF (Use as many sheets as necessary sheets a	•	Application No.	10/777,455			
l wec	DMATION D	110/	CL OCUDE	Filing Date	February 11, 2004		
				First Named Inventor	Lewis		
SIA	I EIVIENI DI	AL	FLICANI	Art Unit	1623		
	(Use as many sheets	as nec	essary)	Examiner Name	Peselev		
Sheet	3	of	3	Attorney Docket No.	892,280-603 (formerly 342312004920)		

NON PATENT LITERATURE DOCUMENTS						
Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s); publisher, city and/or country where published	T²				
28.	Magerlein, B.J. et al. (1969) "Lincomycin. VIII. 4'-Alkyl-1'-demethyl-4'-depropylclindamycins, Potent Antibacterial and Antimalarial Agents" JOURNAL OF MEDICINAL CHEMISTRY 12: 780-84.					
29.	Magerlein, B.J. (1967) "Lincomycin. VII. 4'-depropyl-4'-ethoxylincomycins" JOURNAL OF MEDICINAL CHEMISTRY 10(6): 1161-63.					
30.	Misiek, M. et al. (1973) "Microbiological Properties of a New Cephalosporin, BL-S 339: 7-(Phenylacetimidoyl-aminoacetamido)-3-(2-Methyl-1,3,4-Thiadiazol-5-Ylthiomethyl)Ceph-3-em-4-Carboxylic Acid" ANTIMICROBIAL AGENTS AND CHEMOTHERAPY 3(1):40-48.					
31.	Myers, A.G. et al. (1999) "Greatly Simplified Procedures for the Synthesis of α-Amino Acids by the Direct Alkylation of Pseudoephedrine Glycinamide Hydrate" J. ORG. CHEM. 64: 3322-27.					
32.	Watanabe, T. et al. (1982) "Synthesis of α-Amino-cycloheptatriene-1-acetic Acids and Their 7-Acylaminocephalosporin Derivatives" CHEMICAL PHARMACEUTICAL BULLETIN 30(7): 2579-82.					
	28. 29. 30.	Cite No.¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposlum, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published 28. Magerlein, B.J. et al. (1969) "Lincomycin. VIII. 4'-Alkyl-1'-demethyl-4'-depropylclindamycins, Potent Antibacterial and Antimalarial Agents" JOURNAL OF MEDICINAL CHEMISTRY 12: 780-84. 29. Magerlein, B.J. (1967) "Lincomycin. VII. 4'-depropyl-4'-ethoxylincomycins" JOURNAL OF MEDICINAL CHEMISTRY 10(6): 1161-63. 30. Misiek, M. et al. (1973) "Microbiological Properties of a New Cephalosporin, BL-S 339: 7-(Phenylacetimidoyl-aminoacetamido)-3-(2-Methyl-1,3,4-Thiadiazol-5-Yithiomethyl)Ceph-3-em-4-Carboxylic Acid" Antimicrobial Agents and Chemotherapy 3(1):40-48. 31. Myers, A.G. et al. (1999) "Greatly Simplified Procedures for the Synthesis of α-Amino Acids by the Direct Alkylation of Pseudoephedrine Glycinamide Hydrate" J. Org. Chem. 64: 3322-27. 32. Watanabe, T. et al. (1982) "Synthesis of α-Amino-cycloheptatriene-1-acetic Acids and Their 7-Acylaminocephalosporin Derivatives" Chemical Pharmaceutical Bulletin 30(7):				

			•		
NB1:662846. 2Examiner	(Per O	·	Date	10/7/05	
Signature	i, race		Considered	19/1/00	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emporor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandrie, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB-08a (08 03)